

Form PTO-1449
(Rev. 2-88)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTACHMENT NO. 1

SERIAL NO.

960296.95939

09/409,800

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S): **Frederick R. Blattner**

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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JH	✓	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <u>Nucleic Acids Research</u> 25:3389-3402 (1997)
	✓	Bercovier, et al., "Intra- and Interspecies Relatedness of <i>Yersinia pestis</i> by DNA Hybridization and its Relationship to <i>Yersinia pseudotuberculosis</i> ," <u>Current Microbiology</u> 4:225-229 (1980)
	✓	Birnboim et al., "A rapid alkaline extraction procedure for screening recombinant plasmid DNA," <u>Nucleic Acids Research</u> 7:1513-1523 (1979)
	✓	Borodovsky et al., "Genmark: Parallel Gene Recognition for Both DNA Strands," <u>Computers Chem.</u> 17:123-133 (1993)
JH	✓	Brubaker, Robert R., "Factors Promoting Acute and Chronic Diseases Caused by <i>Yersiniae</i> ," <u>Clinical Microbiology Reviews</u> 4:309-324 (1991)
	✓	Brubaker, Robert R., "The Genus <i>Yersinia</i> : Biochemistry and Genetics of Virulence," <u>C.T. in Microbiology</u> 57:111-158 ()
JH	✓	Drozdov et al., "Virulent non-capsulate <i>Yersinia pestis</i> variants constructed by insertion mutagenesis," <u>J. Med. Microbiol.</u> 42:264-268 (1995)
	✓	Du et al., "Genetic Analysis of Virulence Determinants Unique to <i>Yersinia pestis</i> ," <u>Yersiniosis: Present and Future</u> 13:321-324 (1995)
	✓	Ferber et al., "Plasmids in <i>Yersinia pestis</i> ," <u>Infection and Immunity</u> 31:839-841 (1981)
	✓	Fetherston et al., "The pigmentation locus of <i>Yersinia pestis</i> KIM6+ is flanked by an insertion sequence and includes the structural genes for pesticin sensitivity and HMWP2," <u>Molecular Microbiology</u> 13:697-708 (1994)
JH	✓	Filippov et al., "Plasmid content in <i>Yersinia pestis</i> stains of different origin," <u>FEMS Microbiology Letters</u> 67:45-48 (1990)
	✓	Forsberg et al., "The virulence protein Yop5 of <i>Yersinia pseudotuberculosis</i> is regulated at transcriptional level by plasmid-pIB1-encoded <i>trans</i> -acting elements controlled by temperature and calcium," <u>Molecular Microbiology</u> 2:121-133 (1988)

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	13	Forsberg et al., "Genetic Analysis of the <i>yopE</i> Region of <i>Yersinia</i> spp.: Identification of a Novel Conserved Locus, <i>yerA</i> , Regulating <i>yopE</i> Expression," <u>Journal of Bacteriology</u> 172:1547-1555 (1990)	✓
	14	Galyov et al., "Nucleotide sequence of the <i>Yersinia pestis</i> gene encoding F1 antigen and the primary structure of the protein," <u>FEBS</u> 277:230-232 (1990)	✓
	15	Galyov et al., "Expression of the envelope antigen F1 of <i>Yersinia pestis</i> is mediated by the product of <i>caf1M</i> gene having homology with the chaperone protein PapD of <i>Escherichia coli</i> ," <u>FEBS</u> 286:79-82 (1991)	✓
	16	Humphreys, et al., "A simple Method for the Preparation of large Quantities of Pure Plasmid DNA," <u>Biochimica et Biophysica Acta</u> , 383:457-463 (1975)	✓
	17	Karlyshev et al., " <i>Caf1R</i> gene and its role in the regulation of capsule formation of <i>Y. pestis</i> ," <u>FEBS</u> 305:37-40 (1992)	✓
	18	Lipman et al., "A tool for multiple sequence alignment," <u>Proc. Natl. Acad. Sci. USA</u> 86:4412-4415 (1989)	✓
	19	Miller et al., "Nucleotide Sequence of the <i>Yersinia enterocolitica</i> <i>aid</i> Gene and Characterization of the Ail Protein Product," <u>Journal of Bacteriology</u> 172:1062-1069 (1990)	✓
	20	Moore et al., "Hybridization of Deoxyribonucleotide Sequences of <i>Yersinia enterocolitica</i> and Other Selected Members of <i>Enterobacteriaceae</i> ," <u>International Journal of Systematic Bacteriology</u> 25:336-339 (1975)	✓
	21	Nakai et al., "Expert System for Predicting Protein Localization Sites in Gram-Negative Bacteria," <u>Proteins: Structure, Function, and Genetics</u> 11:95-110 (1991)	✓
	22	Perry et al., "Identification and Cloning of a Hemin Storage Locus Involved in the Pigmentation Phenotype of <i>Yersinia pestis</i> ," <u>Journal of Bacteriology</u> 172:5929-5937 (1990)	✓
	23	Portnoy, et al., "Characterization of Common Virulence Plasmids in <i>Yersinia</i> Species and Their Role in the Expression of Outer Membrane Proteins," <u>Infection and Immunity</u> 43:108-114 (1984)	✓
	24	Portnoy et al., "Role of a Plasmid in the Pathogenicity of <i>Yersinia</i> Species," <u>Current Topics in Microbiology and Immunology</u> 118:29-51 (1985)	✓

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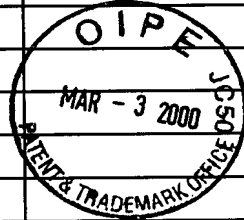
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	25	Protsenko et al., "Detection and Characterization of <i>Yersinia pestis</i> Plasmids Determining Pesticin I, Fraction I Antigen, and "Mouse" Toxin Synthesis," <u>Genetika</u> 19:838-846 (1984)
	26	Protsenko et al., "Integration of the plasmid encoding the synthesis of capsular antigen and murine toxin into <i>Yersinia pestis</i> chromosome," <u>Microbial Pathogenesis</u> 11:123-138 (1991)
JS	27	Rakin et al., "Virulence-associated <i>fyuA/irp2</i> gene cluster of <i>Yersinia enterocolitica</i> biotype 1B carries a novel insertion sequence IS1328," <u>FEMS Microbiology Letters</u> 129:287-282 (1995)
	28	Samoilova et al., "Virulence of pPst+ and pPst- strains of <i>Yersinia pestis</i> for guinea-pigs," <u>Bacterial Pathogenicity</u> 440-444 (1996)
JS	29	Smith et al., "The ancestral IncP replication system consisted of contiguous <i>oriV</i> and <i>trfA</i> segments as deduced from a comparison of the nucleotide sequences of diverse IncP plasmids," <u>Journal of General Microbiology</u> 139:1761-1766 (1993)
	30	Sodeinde et al., "A Surface Protease and the Invasive Character of Plaque," <u>Science</u> 258:1004-107 (1992)
JS	31	Straley et al., "Cytoplasmic and membrane proteins of yersiniae cultivated under conditions simulating mammalian intracellular environment," <u>Proc. Natl. Acad. Sci. USA</u> 78:1224-1228 (1981)
	32	Straley, Susan C., "The Plasmid-Encoded Outer-Membrane Proteins of <i>Yersinia pestis</i> ," <u>Reviews of Infectious Diseases</u> 10:S323-S326 (1988)
JS	33	Straley, Susan C., "The low-Ca ²⁺ response virulence regulon of human-pathogenic yersiniae," <u>Microbial Pathogenesis</u> 10:87-91 (1991)
	34	Welkos et al., "Studies on the Contribution of the F1 Capsule-Associated Plasmid pFra to the Virulence of <i>Yersinia pestis</i> ," <u>Yersiniosis: Present and Future</u> 13:299-305 (1995)
JS	35	Winans et al., "Genetic Localization and Characterization of a pKM101-Coded Endonuclease," <u>Journal of Bacteriology</u> 154:1117-1125 (1983)

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